



**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**FINE-GRAINED RARE EARTH ACTIVATED ZINC SULFIDE PHOSPHORS FOR
ELECTROLUMINESCENT DISPLAYS**

 the specification for which is attached hereto.
XX the application for which was filed on 08/27/2003 as U.S. Serial No. 10/649,282.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY NOT CLAIMED	CERTIFIED COPY ATTACHED
				Yes No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)
60/406,661	August 29, 2002

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents jointly, and each of them severally, my attorneys or agents, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

Mark E. Bandy, Reg. No. 35,788
Brian G. Bembenick, Reg. No. 41,463
Alan C. Brandt, Reg. No. 50,218
John P. Cornely, Reg. No. 41,687
E. Kent Daniels, Reg. No. 19,598
Joseph D. Dreher, Reg. No. 37,123
Matthew P. Dugan, Reg. No. 44,663
Christopher B. Fagan, Reg. No. 22,987
Patrick D. Floyd, Reg. No. 39,671
Jude A. Fry, Reg. No. 38,340
Steven M. Haas, Reg. No. 37,841
Michael E. Hudzinski, Reg. No. 34,185
Edward T. Kennedy, Reg. No. 48,478
Richard M. Klein, Reg. No. 33,000
Thomas E. Kocovsky Jr. Reg. No. 28,383
Sandra M. Koenig, Reg. No. 33,722
Scott A. McCollister, Reg. No. 33,961

James W. McKee, Reg. No. 26,482
Richard J. Minnich, Reg. No. 24,175
Jay F. Moldovanyi, Reg. No. 29,678
Philip J. Moy, Reg. No. 31,280
Timothy E. Nauman, Reg. No. 32,283
Eric J. Overberger, Reg. No. 48,556
Sue Ellen Phillips, Reg. No. 32,046
Patrick R. Roche, Reg. No. 29,580
James E. Scarbrough, Reg. No. 47,056
Ann M. Skerry, Reg. No. 45,655
Mark S. Svat, Reg. No. 34,261
Brian E. Turung, Reg. No. 35,394
Robert V. Vickers, Reg. No. 19,504
Gregory S. Vickers, Reg. No. 45,180
Joseph E. Waters, Reg. No. 50,427
Thomas E. Young, Reg. No. 28,924
John S. Zanghi, Reg. No. 48,843

SEND CORRESPONDENCE TO:
James W. McKee
Fay, Sharpe, Fagan,
Minnich & McKee, LLP, 7th Floor
1100 Superior Avenue
Cleveland, Ohio 44114-2518

DIRECT TELEPHONE CALLS TO:
(name and telephone number)

James W. McKee
(216) 861-5582

I hereby authorize and request my attorney to insert the application number and filing date, when known, into the assignment for this invention executed by me.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: LIU, Guo

Inventor's signature: Guo Liu Date: Sept. 11, 2003

Residence: 25 Arthurs Crescent, Brampton, ON L6Y 4Y2, Canada cel
09/30/03

Country of Citizenship: Canada

Post Office Address: 25 Arthurs Crescent, Brampton, Ontario, L6Y 4Y2, CANADA

Full name of second joint inventor: KOSYACHKOV, Alexander

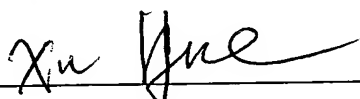
Inventor's signature:  Date: Sept 12, 2003

Residence: ~~3400 Riverspray Crescent, Apt. 416~~ 1168 Arena Rd. unit 135,
Mississauga, Ontario L4V 4K7 Canada AK

Country of Citizenship: Canada

Post Office Address: ~~3400 Riverspray Crescent, Apt. 416, Mississauga, Ontario, L6Z 1M8, CANADA~~
1168 Arena Rd. Unit #135, Mississauga, Ontario, Can
L4V 4K7

Full name of third joint inventor: XU, Yue (Helen)


Inventor's signature:  Date: Sept 11/2003 AK
YX
Sept 11/0

Residence: 2084 Kevin Crescent, Burlington, Ontario, L7M 4E3, Canada

Country of Citizenship: Canada

Post Office Address: 2084 Kevin Crescent, Burlington, Ontario, L7M 4E3, CANADA

Full name of fourth joint inventor: STILES, Jim

Inventor's signature:  Date: Sept 15, 2003

Residence: 37 Brule Crescent, Toronto, Ontario, M6S 4H8, Canada AK
Sept 29

Country of Citizenship: Canada

Post Office Address: 37 Brule Crescent, Toronto, Ontario, M6S 4H8, CANADA